



Certificate of Analysis

Compliance Test

Client Information:

Leafy8
7414 University Blvd.
Suite # 104
Winter Park, Florida
32792

Manufacturing Facility:

Leafy8
7414 University Blvd.
Suite # 104
Winter Park, Florida 32792
Production Date: 2024-07-28

Batch Data:

Batch # Y8-72825ccb01
Batch Date: 2025-07-28
Extracted From: hemp

Order Details:

Test Reg State: Florida
Food Permit #: 214676

Order #

LEA250803-060001
Order Date: 2025-08-03
Sample # AAGZ006

Sampling Date: 2025-08-04

Lab Batch Date: 2025-08-04
Completion Date: 2025-08-11

Initial Gross Weight: 67.329 g

Net Weight: 65.129 g

Net Weight per Package:

65129.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

10854.8333 mg
Servings Per Package:
6



Product Image



**Potency
Tested**



**Terpenes
Tested**



**Heavy Metals
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Pathogenic
Passed**



**Microbiology (qPCR)
Passed**



Potency Summary

Delta 9 THC	0.168%	Total Active CBD	<LOQ
per Serving	18.2 mg	per Serving	0.00 mg
per Package	109 mg	per Package	0.00 mg
Total CBG	<LOQ	Total CBN	<LOQ
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
Total Cannabinoids	0.596%	Total Active THC	0.168%
per Serving	64.7 mg	per Serving	18.2 mg
per Package	388 mg	per Package	109 mg
Total DELTA-8-THC	0.428%		
per Serving	46.5 mg		
per Package	279 mg		



Terpenes Summary

Analyte	Result (mg/g)	(%)
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Total Terpenes: 0.000%

Detailed Terpenes Analysis is on the following page

Aixa Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 Client supplied the net weight of mg The results apply to the sample as received. This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number



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MSP 7.3.1

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10854.8333 mg
Servings Per Package:
6



Potency 11 (LCUV)

Specimen Weight: 1542.600 mg

Tested

SOP13.001 (LCUV)

Pieces For Panel: 6

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-8 THC	10.000	2.60E-5	0.015	4.28	0.428	46.5	279
Delta-9 THC	10.000	1.30E-5	0.015	1.68	0.168	18.2	109
CBC	10.000	1.80E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBN	10.000	1.40E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	10.000			1.68	0.168	18.2	109
Total Active CBD	10.000			<LOQ	<LOQ	0.00	0.00

Aixa Sun

Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Batch Date: 2025-07-28
Extracted From: hemp

Order Details:

Test Reg State: Florida
Food Permit #: 214676

Order #

LEA250803-060001
Order Date: 2025-08-03
Sample # AAGZ006

Sampling Date: 2025-08-04

Lab Batch Date: 2025-08-04
Completion Date: 2025-08-11

Initial Gross Weight: 67.329 g

Net Weight: 65.129 g

Net Weight per Package:

65129.0000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

10854.8333 mg
Servings Per Package:
6

Terpenes

Specimen Weight: 1542.600 mg

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(+)-Cedrol	0.002		<LOQ	Fenchyl Alcohol	0.002		<LOQ
(R)-(+)-Limonene	0.002		<LOQ	Gamma-Terpinene	0.002		<LOQ
3-Carene	0.002		<LOQ	Geraniol	0.002		<LOQ
alpha-Bisabolol	0.002		<LOQ	Geranyl acetate	0.002		<LOQ
alpha-Cedrene	0.002		<LOQ	Guaiaol	0.002		<LOQ
alpha-Humulene	0.002		<LOQ	Hexahydrothymol	0.002		<LOQ
alpha-Phellandrene	0.002		<LOQ	Isoborneol	0.002		<LOQ
alpha-Pinene	0.002		<LOQ	Isopulegol	0.002		<LOQ
alpha-Terpinene	0.002		<LOQ	Linalool	0.002		<LOQ
beta-Myrcene	0.002		<LOQ	Nerol	0.002		<LOQ
beta-Pinene	0.002		<LOQ	Ocimene	0.00033		<LOQ
Borneol	0.004		<LOQ	Pulegone	0.002		<LOQ
Camphene	0.002		<LOQ	Sabinene	0.002		<LOQ
Camphors	0.006		<LOQ	Sabinene Hydrate	0.002		<LOQ
Caryophyllene oxide	0.002		<LOQ	Terpinolene	0.002		<LOQ
cis-Nerolidol	0.002		<LOQ	Total Terpeneol	0.00126		<LOQ
Eucalyptol	0.002		<LOQ	trans-Caryophyllene	0.002		<LOQ
Farnesene	0.002		<LOQ	trans-Nerolidol	0.002		<LOQ
Fenchone	0.002		<LOQ	Valencene	0.002		<LOQ

Tested

SOP13.045 (GC-MS/GC (Liquid Injection))



PCR Total Yeast and Mold

Specimen Weight: 477.600 mg

Dilution Factor: 8.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

Passed

SOP13.017 (qPCR)



Pathogenic SAE (qPCR) FL

Specimen Weight: 1015.700 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Shiga toxin-producing E. coli (STEC)	1	Absence in 1g
Salmonella	1	Absence in 1g			

Passed

SOP13.029 (qPCR)

Aixa Sun

Lab Director/Principal Scientist

D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Order Details:

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Food Permit #: 214676

Order

LEA250803-060001
Order Date: 2025-08-03
Sample # AAGZ006

Sampling Date: 2025-08-04

Lab Batch Date: 2025-08-04
Completion Date: 2025-08-11

Initial Gross Weight: 67.329 g

Net Weight: 65.129 g

Net Weight per Package:

65129.000 mg

Sampling Method:
MSP 7.3.1

Net Weight per Serving:

10854.8333 mg

Servings Per Package:
6

Heavy Metals Florida

Specimen Weight: 245.400 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 203.749

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	1500	<LOQ	Lead (Pb)	0.007	100	500	<LOQ
Cadmium (Cd)	0.003	100	500	<LOQ	Mercury (Hg)	0.016	100	3000	<LOQ



Mycotoxins

Specimen Weight: 620.000 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.420

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ					



Residual Solvents - FL (CBD)

Specimen Weight: 17.900 mg

Passed

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	<LOQ
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butanes	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	<LOQ	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

Aixa Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Pesticides Florida

Specimen Weight: 620.000 mg

Dilution Factor: 2.420

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.288	28.23	300	<LOQ	Fludioxonil	1.740	48	3000	<LOQ
Acephate	0.023	30	3000	<LOQ	Hexythiazox	0.049	30	2000	<LOQ
Acequinocyl	9.564	48	2000	<LOQ	Imazalil	0.248	30	100	<LOQ
Acetamiprid	0.052	30	3000	<LOQ	Imidacloprid	0.094	30	3000	<LOQ
Aldicarb	0.026	30	100	<LOQ	Kresoxim Methyl	0.042	30	1000	<LOQ
Azoxystrobin	0.081	10	3000	<LOQ	Malathion	0.082	30	2000	<LOQ
Bifenazate	1.415	30	3000	<LOQ	Metaxalyl	0.081	10	3000	<LOQ
Bifenthrin	0.043	30	500	<LOQ	Methiocarb	0.032	30	100	<LOQ
Boscalid	0.055	10	3000	<LOQ	Methomyl	0.022	30	100	<LOQ
Captan	6.120	30	3000	<LOQ	methyl-Parathion	1.710	10	100	<LOQ
Carbaryl	0.022	10	500	<LOQ	Mevinphos	2.150	10	100	<LOQ
Carbofuran	0.034	10	100	<LOQ	Myclobutanil	0.573	10	0	<LOQ
Chlorantraniliprole	0.033	10	3000	<LOQ	Naled	0.095	30	500	<LOQ
Chlordane	10.000	10	100	<LOQ	Oxamyl	0.025	30	500	<LOQ
Chlorfenapyr	0.034	30	100	<LOQ	Paclobutrazol	0.065	30	100	<LOQ
Chlormequat Chloride	0.108	10	3000	<LOQ	Pentachloronitrobenzene	1.320	10	200	<LOQ
Chlorpyrifos	0.035	30	100	<LOQ	Permethrin	0.343	30	1000	<LOQ
Clofentezine	0.119	30	500	<LOQ	Phosmet	0.082	30	200	<LOQ
Coumaphos	3.770	48	100	<LOQ	Piperonylbutoxide	0.029	30	3000	<LOQ
Cyfluthrin	3.110	30	1000	<LOQ	Prallethrin	0.798	30	400	<LOQ
Cypermethrin	1.449	30	1000	<LOQ	Propiconazole	0.070	30	1000	<LOQ
Daminozide	0.885	30	100	<LOQ	Propoxur	0.046	30	100	<LOQ
Diazinon	0.044	30	200	<LOQ	Pyrethrins	23.593	30	1000	<LOQ
Dichlorvos	2.182	30	100	<LOQ	Pyridaben	0.032	30	3000	<LOQ
Dimethoate	0.021	30	100	<LOQ	Spinetoram	0.080	10	3000	<LOQ
Dimethomorph	5.830	48	3000	<LOQ	Spinosad	0.088	30	3000	<LOQ
Ethoprophos	0.360	30	100	<LOQ	Spiromesifen	0.261	30	3000	<LOQ
Etofenprox	0.116	30	100	<LOQ	Spirotetramat	0.089	30	3000	<LOQ
Etoxazole	0.095	30	1500	<LOQ	Spiroxamine	0.131	30	100	<LOQ
Fenhexamid	0.510	10	3000	<LOQ	Tebuconazole	0.067	30	1000	<LOQ
Fenoxycarb	0.107	30	100	<LOQ	Thiacloprid	0.064	30	100	<LOQ
Fenpyroximate	0.138	30	2000	<LOQ	Thiamethoxam	0.050	30	1000	<LOQ
Fipronil	0.107	30	100	<LOQ	Trifloxystrobin	0.037	30	3000	<LOQ
Flonicamid	0.517	30	2000	<LOQ					

Passed

SOP13.007 (LCMS/GCMS)

Aixia Sun

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